

Low Power Large Signal RF Tuned Buffer Amplifier

ABSTRACT OF THE DISCLOSURE

Methods and apparatus for buffering RF signals. A method includes receiving
5 an input signal, wherein the input signal alternates between a first polarity and a second
polarity. From the input signal, a first current is generated, wherein the first current is
proportional to the input signal when the input signal has the first polarity, and approximately
equal to zero when the input signal has the second polarity, and a second current is generated,
wherein the second current is proportional to the input signal when the input signal has the
10 second polarity, and approximately equal to zero when the input signal has the first polarity.
A third current is generated proportional to the first current, and a fourth current is generated
proportional to the second current. The first and fourth currents are applied to a first terminal
of an inductor; and the second and third currents are applied to a second terminal of the
inductor.

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